

THIRD-ORDER LEVELING  
SEA LEVEL DATUM OF 1929

38-084-31  
SADIEVILLE QUADRANGLE  
185 KENTUCKY  
N3815-W8430/15  
DIAGRAM NJ 16-6  
LOUISVILLE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Franklin, Grant, Harrison,  
Owen and Scott Counties

Only the permanent marks  
are listed for lines  
run more than 25 years  
before edition date

Final adjustment of 1973

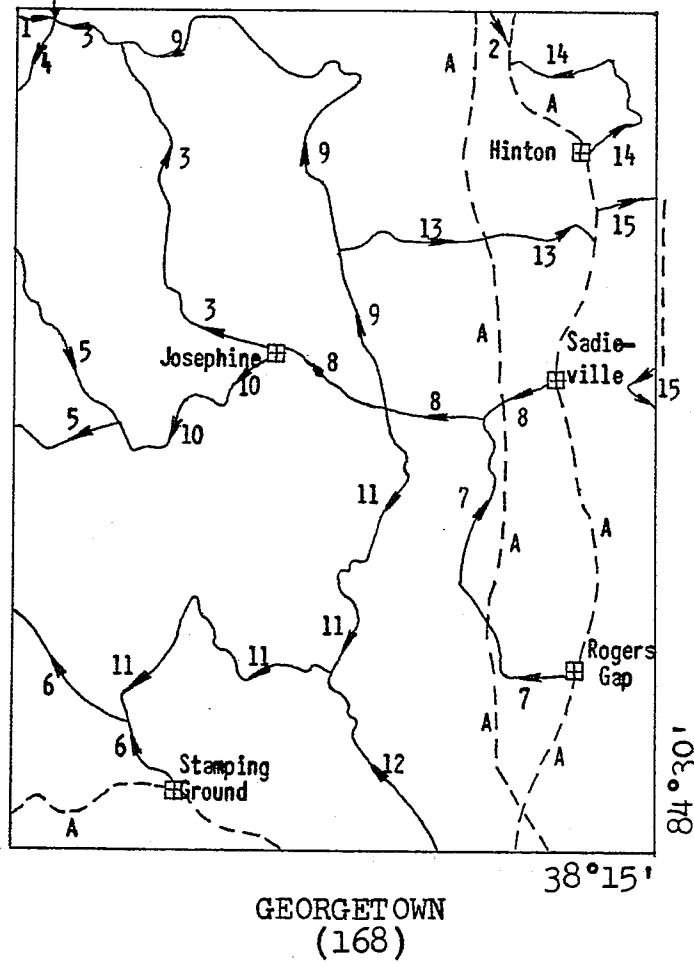
Edition of 3/20/73

PR: DSW/dt

WILLIAMSTOWN  
(199)

LOCKPORT  
(186)

CYNTHIANA  
(184)



NGS VERTICAL CONTROL DATA

A. Quadrangle 380843

## SADIEVILLE QUADRANGLE

38-084-31  
N3815-W8430/15  
KENTUCKY

## INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>	<u>MARK (USGS)</u>	<u>PAGE NO.</u>
717	3	140 RHP 1952 801	11
768 (Gaging Station)	8	141 RHP 1952 902	11
PTS NO 14 1904 960	4	142 RHP 1952 858	12
PTS NO 26 1904 802	3	143 RHP 1952 858	12
PTS NO 30 1906	3,5	TT 35 JRH 1952 787	13
3 C 1928 858	7	TT 36 JRH 1952 943	13
TT STA NO 151 M 1928 961	8,8,10	TT 37 JRH 1952 974	13
TT STA NO 152 M 1928 799	4,8,10	TT 41 JRH 1952 785	13
TT STA NO 153 M 1928	3		
TT STA NO 156 M 1928 937	9	<u>NGS</u>	
1 WA 1929 944 KY TT	5	P	4
106 RHP 1952 778	4	E 137 1949	13
107 RHP 1952 875	4	H 137 1949	12
108 RHP 1952 699	4	J 137 1949	13
109 RHP 1952 896	4,10	K 137 1949	12
110 RHP 1952 901	5	P 137 1949	7
116 RHP 1952 937	5,10	X 137 1949	6
117 RHP 1952 726	5	Q 147 1949	5
126 RHP 1952 766	6,11	GROW 1949	9
127 RHP 1952 852	6	GROW NO 1 1949	9
128 RHP 1952 921	6	GROW NO 2 1949	9
129 RHP 1952 855 <i>see next</i>	6	GROW 1949 (Az. Mk.)	9
130 RHP 1952 781	8	PORTER 1949 (Az. Mk.)	8
131 RHP 1952 888	8,12	SADIE 1949	7
132 RHP 1952 893	9	SADIE NO 1 1949	7
133 RHP 1952 905	10	SADIE NO 2 1949	7
134 RHP 1952 734	10	SADIE 1949 (Az. Mk.)	7
135 RHP 1952 785	10	STONEWALL 1949	12
136 RHP 1952 870	10	STONEWALL NO 1 1949	12
137 RHP 1952 846	11	STONEWALL NO 2 1949	12
138 RHP 1952 854	11,12		
139 RHP 1952 888	11		

SADIESVILLE  
Book A 6508

185 KENTUCKY

F. H. West

1906

FeetISOLATED BENCH MARKS (F. H. West, 1906; Book A 6508;  
R. G. Clinite, 1928; Book B 2891; C. E. Walker, 1929;  
Book B 3000)Stamping Ground, 230 ft W. of Southern Railway Station;  
2 ft S. of right-of-way track; in frontyard of  
residence of Dr. Reilly; on iron post; standard cap  
stamped "PRIM TRAV STA NO 26 1904 802" (Reported  
not found, 1952)

802.343

Harmony, 0.5 mi S. of, along Elmville-Harmony Road; at  
residence of W. B. Watson; in S. face of stone chimney;  
standard tablet stamped "717" (Reported not found,  
1953)

716.423

Rockdale, 510 ft W. of post office; 30 ft E. of center-  
line of rd. at junction of T-rd. NW.; 2 ft S. of  
fenceline; on small embankment; in concrete post;  
standard tablet stamped "TT STA NO 153 M 1928"  
(Reported not found, 1952)

768.215

LINE 1.

E. O. Miner, 1949; Book AV 86

U.E., Brecks, 0.7 mi W. of; 100 ft S. of ford over Elk  
Creek; 15 ft E. of centerline of rd.; in root on NW.  
side of 72-in. oak tree; copper nail and washer

727.101

U.E., Breck, 20 ft N. and 65 ft W. of centerline of rd.  
at junction of T-rd. W.; in root on W. side of 12-in.  
locust tree; copper nail and washer

882.70

Breck, 0.6 mi S. of; 10 ft SW. of SW. corner of old  
post office; in NE. corner of frontyard of J. H.  
Davis; on iron post; standard cap stamped  
"PRIM TRAV STA NO 30 1906" (Reported destroyed,  
1952)

900.598

LINE 2.

E. O. Miner, 1949; Book AV 86

U.E., Corinth, 0.3 mi N. of; at viaduct over Southern  
RR.; 6 ft W. of W. rail; on concrete footing;  
chiseled square

923.64

SADIEVILLE

185 KENTUCKY

LINE 2 (Cont'd.)Feet

Corinth, 0.2 mi W. of Sou. RR. Station, along graveled rd.; 120 ft NE. of, and 2.0 ft higher than centerline of U. S. Highway 25; 34 ft E. of E. corner of concrete block building; 23 ft S. of S. corner of one and one-half story house; 7 ft NE. of NE. edge of concrete walk; 5 ft NW. of NW. edge of concrete walk; on iron post; standard cap stamped "PRIM TRAV STA NO 14 1904 960" (Tied by NGS, 1949)

960.215

"P" (NGS)

958.643

LINE 3.

R. H. Paine, 1952; Book AV 322

Josephine, 35 ft N. and 10 ft W. of centerline of rd. at junction of T-rd. SW.; 23 ft N. and 20 ft E. of NE. corner of Reading and Glass Store; 2 ft S. of wire fence; in concrete post; standard tablet stamped "TT STA NO 152 M 1928 799"

799.376

Rockdale, 0.3 mi NW. of; 77 ft E. of, and 10 ft higher than centerline of rd.; 2 ft W. of NW. corner of Caney Creek Baptist Church; in concrete post; standard tablet stamped "106 RHP 1952 778"

778.729

Rockdale, 3.0 mi N. of; 30 ft E. of, and 2 ft lower than centerline of rd. at junction of Y-rd.; on W. end of N. concrete headwall of culvert; standard tablet stamped "107 RHP 1952 875"

875.808

Breck, 1.6 mi E. of, thence 2.1 mi S.; at steel bridge over Caney Creek; in SW. end of SE. rock and concrete abutment; standard tablet stamped "108 RHP 1952 699"

699.869

Breck, 1.6 mi E. of; 115 ft N. and 20 ft W. of, and 6 ft higher than centerline of rd. at junction of Y-rd. N.; 2 ft S. of SE. corner of Locust Grove Church; in concrete post; standard tablet stamped "109 RHP 1952 896"

895.922

U.E., Breck; copper nail and washer (Described in line 1)

882.64

38-084-31

5

SADIEVILLE  
Book AV 322

185 KENTUCKY

R. H. Paine

1952

FeetLINE 4.

R. H. Paine, 1952; Book AV 322

U.E., Breck; copper nail and washer (Described in  
line 1) (Also in line 3)

882.64

"PRIM TRAV STA NO 30 1906" (Described in line 1)

900.322

Breck, 0.6 mi S. of; 30 ft E. of centerline of rd.;  
2 ft SW. of SW. corner of abandoned post office; in  
yard of O. S. Holiday; in concrete post; standard  
tablet stamped "110 RHP 1952 901"

901.176

LINE 5.

R. H. Paine, 1952; Book AV 322

U.E., Beechwood; at Clifton Store; on NE. corner of  
concrete base for gasoline pumps; chiseled square

921.66

Beechwood; at Bethany Christian Church; in concrete  
step; standard tablet stamped "1 WA 1929 944 KY TT"

943.700

Reference mark; at Bethany Christian Church; on  
second concrete step from hwy.; chiseled square

938.71

U.E., Beechwood, 2.6 mi SE. of; 100 ft N. of junction  
of Y-rd.; on N. end of W. concrete headwall of  
culvert; chiseled square

953.41

Beechwood, 3.6 mi SE. of, along U. S. Highway 227;  
62 ft S. and 25 ft E. of, and 3 ft higher than center-  
line of hwy. at junction of Y-rd. SW.; 3 ft N. of N.  
gatepost; in concrete post; standard tablet stamped  
"116 RHP 1952 937"

936.270

Beechwood, 3.6 mi S. of, along U. S. Highway 227,  
thence 1.9 mi W.; at Harmony; 65 ft NE. of, and 3  
ft higher than centerline of rd.; 2 ft SW. of SW.  
corner of Harmony Baptist Church; in concrete post;  
standard tablet stamped "117 RHP 1952 726"

725.917

LINE 6.

R. H. Paine, 1952; Book AV 322

"Q 147 1949" (NGS)

784.966

SADIEVILLE

185 KENTUCKY

LINE 6 (Cont'd.)Feet

Stamping Ground, 1.7 mi NW. of, along U. S. Highway 227; 122 ft NW. of, and 1 ft higher than centerline of Highway 227 at junction of State Highway 368; in SE. end of SW. concrete headwall of large culvert; standard tablet stamped "126 RHP 1952 766"

766.292

Stamping Ground, 1.7 mi NW. of, along U. S. Highway 227, thence 2.5 mi NW. along State Highway 368; 3.0 mi SE. of Elmville; 300 ft SE. of Howes Store; near Scott-Franklin County line; in SW. concrete headwall of culvert; standard tablet stamped "127 RHP 1952 852"

852.124

Reference mark; 30 ft NE. of tablet; on NW. end of V-shaped concrete headwall of culvert; chiseled square

852.91

LINE 7.

R. H. Paine, 1952; Book AV 322

"X 137 1949" (NGS)

920.776

Rogers Gap, 1.3 mi W. of, along State Highway 620, thence 0.9 mi N. along U. S. Highway 25; 15 ft E. of, and 2 ft lower than centerline of hwy.; 200 ft NW. of residence of Wm. Annis; in S. end of E. concrete headwall of culvert; standard tablet stamped "128 RHP 1952 921"

921.084

Reference mark; 5 ft NNW. of tablet; on N. end of E. concrete headwall of culvert; chiseled square

921.08

U.E., Rogers Gap, 1.3 mi W. of, thence 1.8 mi N.; 250 ft SW. of gasoline station; on N. end of W. concrete headwall of culvert; chiseled square

890.33

Rogers Gap, 1.3 mi W. of, along State Highway 620, thence 3.5 mi N. along U. S. Highway 25; 1.8 mi W. and 2.9 mi S. of Sadieville; 0.1 mi SW. of Lloyds Truckstop; 13 ft NW. of centerline of U. S. Highway 25; at concrete bridge over Little Creek; in NW. end of NE. concrete abutment; standard tablet stamped "129 RHP 1952 855" see next at end of guard.

855.550

Reference mark; 50 ft SW. of tablet; on SW. end of NW. wheelguard; chiseled square

856.31

R E S E T

5-6-91

SADIEVILLE QUADRANGLE  
185 KENTUCKY

ROGERS GAP, 1.3 MI W. OF, ALONG ST. HWY. 620, THENCE 3.5 MI N.  
ALONG U.S. 25, 19.5 FT N.W. OF CENTERLINE OF U.S. 25, SET IN N.W.  
END OF N.E. ABUTMENT WING WALL OF 52 FT CONCRETE BRIDGE OVER LITTLE  
EAGLE CREEK, ABOUT 0.5 FT HIGHER THAN ROADWAY; STANDARD TABLET  
STAMPED "129 RHP RESET 1991"

RESET ELEVATION 858.546 FT  
261.685 M

RESET BY KENTUCKY DEPARTMENT OF TRANSPORTATION  
FRANKFORT, KENTUCKY  
APRIL 25, 1991

SADIEVILLE

185 KENTUCKY

LINE 7 (Cont'd.)Feet

U.E., Sadieville, 1.8 mi W. of, thence 2.2 mi S.; at bridge over Eagle Creek; on S. end of W. concrete wheelguard; chiseled square

851.24

Sadieville, 1.8 mi W. of, thence 1.0 mi S. along U. S. Highway 25; 24 ft N. and 175 ft E. of centerline of hwy. at junction of graveled rd. E.; on property of Moses Perguss; 200 ft NW. of W. corner of white frame house; 15 ft NE. of white witness post; 11 ft N. of fenceline; NGS standard triangulation station disk stamped "SADIE 1949"

969.103

Reference mark NO. 1; 19 ft E. of station; 38 ft W. of telephone pole; 18 ft N. of centerline of graveled rd.; NGS standard reference mark disk stamped "SADIE NO 1 1949"

970.912

Reference mark NO. 2; 14 ft S. of station; 15 ft N. of centerline of graveled rd.; 4 ft NW. of white witness post; 2 ft N. of fenceline; NGS standard reference mark disk stamped "SADIE NO 2 1949"

967.039

Sadieville, 1.8 mi W. of, thence 0.7 mi S.; 14 ft W. of the centerline of U. S. Highway 25; in W. end of concrete culvert; NGS standard azimuth mark disk stamped "SADIE 1949"

899.949

U.E., Sadieville, 1.8 mi W. of, thence 0.4 mi S.; 390 ft S. of junction of T-rd. W.; on NW. corner of concrete case for gasoline pumps; chiseled square

850.60

LINE 8.

R. H. Paine, 1952; Book AV 322

Sadieville, 0.1 mi S. of Sou. RR. station; 10 ft E. of, and 6 ft lower than E. rail on E. track; in N. abutment of concrete and stone RR. bridge; standard tablet stamped "3 C 1928 858" (Tied by NGS, 1949)

858.387

"P 137 1949" (NGS)

862.590

SADIEVILLE

185 KENTUCKY

LINE 8 (Cont'd.)

	<u>Feet</u>
Sadieville, 0.4 mi W. of; at private bridge over Spoon Branch of Eagle Creek; in SW. wingwall; standard gaging station tablet stamped "768"	768.061
U.E., Sadieville, 1.8 mi W. of, thence 0.4 mi S.; chiseled square (Described in line 7)	850.60
U.E., Porter, 1.5 mi E. of; at steel bridge over Little Eagle Creek; on N. end of W. concrete abutment; chiseled square	790.51
Porter, 215 ft SW. of school; 15 ft N. of centerline of rd.; 3 ft N. and 3 ft E. of SW. corner of schoolyard; 2 ft E. of wire fence; in concrete post; standard tablet stamped "TT STA NO 151 M 1928 961"	961.333
Porter, 1.7 mi NW. of; 1.5 mi SE. of Josephine; 22 ft S. and 14 ft W. of centerline of rd. at junction of Y-rd. SE.; 6 ft SW. of a 8-in. elm tree; in concrete post; standard tablet stamped "130 RHP 1952 781"	781.520
Reference mark; in centerline of rd. at junction of Y-rd. SE.; rail spike	783.44
"TT STA NO 152 M 1928 799" (Described in line 3)	799.376

LINE 9.

R. H. Paine, 1952; Book AV 322	
"TT STA NO 151 M 1928 961" (Described in line 8)	961.333
Porter, 1.8 mi N. of; 65 ft W. of centerline of rd.; 7 ft W. of SE. corner of large barn; 3 ft W. of white witness post; NGS standard azimuth mark disk stamped "PORTER 1949"	942.260
Porter, 4.1 mi N. of, near Scott-Owen County line; 23 ft W. of centerline of rd. at junction of dirt rd. N.; 18 ft S. of 12-in. walnut tree; 16 ft N. of 12-in. walnut tree; 1 ft E. of fence; in concrete post; standard tablet stamped "131 RHP 1952 888"	887.865

SADIEVILLE

185 KENTUCKY

LINE 9 (Cont'd.)Feet

New Columbus, 0.3 mi NE. of, along State Highway 607; 0.6 mi SW. of Jones and True General Store; 32 ft N. and 140 ft W. of, and 7 ft higher than centerline of hwy. at junction of Y-rd.; in SE. corner of cemetery; 6 ft W. of root on side of 44-in. white oak tree; in concrete post; standard tablet stamped "132 RHP 1952 893"

892.710

Reference mark; 277 ft SW. of tablet; in front of cemetery; on W. end of N. concrete headwall of culvert; chiseled square

891.71

U.E., New Columbus, 0.9 mi NE. of; at Jones and True General Store; on N. corner of concrete base for gasoline pumps; chiseled square

872.34

U.E., New Columbus, 2.2 mi NE. of; 40 ft W. of, and 3 ft lower than junction of State Highway 607 and 330; on W. end of V-shaped concrete headwall of culvert; chiseled square

941.26

Corinth, 4.2 mi W. of, along State Highway 330, thence 0.1 mi S.; 22 ft N. of centerline of narrow graveled rd.; 10 ft N. of fenceline; 10 ft N. of white witness post; in concrete post; NGS standard triangulation station disk stamped "GROW 1949"

960.379

Reference mark NO. 1; 161 ft W. of station; 30 ft SE. of SE. corner of small frame house; in concrete post; NGS standard reference mark disk stamped "GROW NO 1 1949"

946.483

Reference mark NO. 2; 109 ft NE. of station; 15 ft N. of centerline of rd.; 2 ft W. of fence corner; in concrete post; NGS standard reference mark disk stamped "GROW NO 2 1949"

957.826

Azimuth mark; Corinth, 4.5 mi W. of, along State Highway 330; 30 ft W. of centerline of Highway 330; 5 ft SW. of white witness post; 1 ft E. of fence-line; in concrete post; NGS standard azimuth mark disk stamped "GROW 1949"

941.081

Corinth, 4.4 mi W. of, along Lusbys Mill-Corinth Road; 5 th S. and 38 ft E. of old rd. S. along Grant-Owen County line; in NW. corner of frontyard of Clint Wainscott; in concrete post; standard tablet stamped "TT STA NO 156 M 1928 937"

936.894

SADIEVILLE

185 KENTUCKY

LINE 9 (Cont'd.)Feet

Corinth, 4.3 mi W. of, along State Highway 330, thence 2.4 mi W.; 11 ft S. and 21 ft W. of centerline of rd. at junction of private rd. W.; 5 ft S. of S. gatepost; 1 ft E. of fence; in concrete post; standard tablet stamped "133 RHP 1952 905"

904.804

Corinth, 4.3 mi W. of, along State Highway 330, thence 4.2 mi NW.; 3.9 mi E. of Breck; 15 ft W. of centerline of rd. at junction of drive SW.; 2 ft E. of N. gatepost; in concrete post; standard tablet stamped "134 RHP 1952 734"

734.621

"109 RHP 1952 896" (Described in line 3)

895.922

LINE 10.

R. H. Paine, 1952; Book AV 322

"TT STA NO 152 M 1928 799" (Described in line 3)  
(Also in line 8)

799.376

Josephine, 1.9 mi SW. of, thence 0.7 mi W.; 1.8 mi S. of Rockdale; 23 ft S. and 22 ft E. of centerline of rd. at junction of rd. E.; in concrete post; standard tablet stamped "135 RHP 1952 785"

785.486

"116 RHP 1952 937" (Described in line 5)

936.271

LINE 11.

R. H. Paine, 1952; Book AV 322

"TT STA NO 151 M 1928 961" (Described in line 8)  
(Also in line 9)

961.333

Porter, 2.7 mi S. of; at Biddle; 56 ft NW. of, and 4 ft higher than centerline of rd.; 17 ft NE. of graveled rd. NW. to Indian Creek; 6 ft W. of corner fencepost; in concrete post; standard tablet stamped "136 RHP 1952 870"

869.730

Reference mark; 200 ft NE. of tablet; on SW. end of NW. concrete headwall of culvert; chiseled square

863.86

SADIEVILLE

185 KENTUCKY

LINE 11 (Cont'd.)Feet

Porter, 4.7 mi S. of; 2.0 mi NE. of Skimmersburg; 40 ft W. of centerline of rd.; 1 ft S. of SE. corner of Corinth Church of Christ; in concrete post; standard tablet stamped "137 RHP 1952 846"	845.982
Reference mark; 130 ft S. of tablet; on NE. corner of concrete floor of bridge; chiseled square	844.65
Skimmersburg, 0.9 mi E. of; 40 ft S. and 15 ft E. of centerline of rd. at junction of dirt rd. W.; 2 ft E. of corner fencepost; in concrete post; standard tablet stamped "138 RHP 1952 854"	854.051
Skimmersburg, 1.2 mi SW. of, thence 0.1 mi NW.; 20 ft N. and 20 ft W. of centerline of rd. at junction of rd. SW.; 4 ft W. of corner fencepost; in concrete post; standard tablet stamped "139 RHP 1952 888"	888.310
Stamping Ground, 2.3 mi NW. of, along U. S. Highway 227, thence 1.2 mi NE.; 51 ft N. and 21 ft E. of centerline of rd. at junction of drive SE.; 8 ft NE. of 24-in. cottonwood tree; in concrete post; standard tablet stamped "140 RHP 1952 801"	801.078
Reference mark; 73 ft N. of tablet; on NE. end of E. concrete headwall of box culvert; chiseled square	802.28
"126 RHP 1952 766" (Described in line 6)	766.292

LINE 12.

R. H. Paine, 1952; Book AV 322

Skimmersburg, 0.9 mi E. of, thence 3.9 mi SE.; 20 ft E. and 12 ft S. of centerline of rd. at junction of dirt rd. NE.; 1 ft SW. of corner fencepost; in concrete post; standard tablet stamped "141 RHP 1952 902"	901.684
U.E., Skimmersburg, 0.9 mi E. of, thence 2.8 mi SE.; at small concrete bridge over East Fork McConnell Run; on SE. end of NE. wheelguard; chiseled square	838.94

SADIEVILLE

185 KENTUCKY

LINE 12 (Cont'd.)Feet

Skinnerburg, 0.9 mi E. of, thence 1.8 mi SE.; 42 ft E. of, and 1 ft lower than centerline of rd. at junction of Y-rd.; 3 ft N. of corner fencepost; in concrete post; standard tablet stamped "142 RHP 1952 858"

857.960

"138 RHP 1952 854" (Described in line 11)

854.051

LINE 13.

R. H. Paine, 1952; Book AV 322

"131 RHP 1952 888" (Described in line 9)

887.865

Stonewall, 0.4 mi S. of, along U. S. Highway 25, thence 2.2 mi W.; 20 ft NW. of, and 2 ft higher than centerline of rd. at junction of Y-rd.; 8 ft S. of junction of field rd. W.; 2 ft W. of S. gatepost; in concrete post; standard tablet stamped "143 RHP 1952 858"

858.444

Stonewall, 130 ft NE. of centerline of U. S. Highway 25; 41 ft N. of NW. corner of Stonewall School; 41 ft N. of school steps; in concrete post; NGS standard triangulation station disk stamped "STONEWALL 1949"

980.344

Reference mark NO. 1; 68 ft NE. of station; 82 ft NE. of NE. corner of school; 1 ft S. of fenceline; in concrete post; NGS standard reference mark disk stamped "STONEWALL NO 1 1949"

971.425

Reference mark NO. 2; 95 ft NW. of station; 39 ft NE. of centerline of U. S. Highway 25; 2 ft SW. of white witness post; 1 ft S. of fence corner; in concrete post; NGS standard reference mark disk stamped "STONEWALL NO 2 1949"

969.712

U.E., Henton, 1.7 mi S. of; on N. side of rd. at W. end of RR. overpass; on V-shaped concrete headwall of culvert; chiseled cross

956.67

"K 137 1949" (NGS)

915.989

LINE 14.

R. H. Paine, 1952; Book AV 322

"H 137 1949" (NGS)

947.547

SADIEVILLE

185 KENTUCKY

LINE 14 (Cont'd.)Feet

Hinton, 1.6 mi NE. of, thence 1.1 mi NW.; at New Friendship Baptist Church; in S. end of top concrete step; at front entrance of church; standard tablet stamped "TT 36 JRH 1952 943"

942.903

Corinth, 2.2 mi SE. of; 1.7 mi N. of Hinton; 145 ft S. of centerline of rd. at junction of T-rd. S.; 7 ft S. and 5 ft E. of center of small concrete bridge; in SE. corner of floor of bridge; standard tablet stamped "TT 35 JRH 1952 787"

786.994

"E 137 1949" (NGS)

946.281

LINE 15.

C. M. Nichols, 1952; Book AV 328

"J 137 1949" (NGS)

941.209

Hinton, 1.3 mi S. of; 18 ft S. and 65 ft W. of, and 1 ft lower than centerline of State Highway 356 at junction of rd. NW.; 47 ft NW. of fence corner; 20 ft W. of 36-in. oak tree; 1 ft N. of fence; in concrete post; standard tablet stamped "TT 37 JRH 1952 974"

973.749

/Jogs into Cynthiana quadrangle/

U.E., Sadieville, 1.8 mi E. of; on N. end of concrete culvert; chiseled square

805.34

Sadieville, 1.5 mi E. of; 17 ft S. and 34 ft E. of centerline of rd. at junction of Davis Road; 62 ft NE. of center of bridge over Big Eagle Creek; in concrete post; standard tablet stamped "TT 41 JRH 1952 786"

785.098

Reference mark; on NW. abutment of bridge over Big Eagle Creek; painted circle

786.08

# The NGS Data Sheet

1  
 HZ1975 \*\*\*\*\* DESIGNATION - SADIE  
 HZ1975 \*\*\*\*\* PID - HZ1975  
 HZ1975 \*\*\*\*\* STATE/COUNTY - KY/SCOTT  
 HZ1975 \*\*\*\*\* USGS QUAD - DELAPLAINE (1993)

## \*CURRENT SURVEY CONTROL

HZ1975	NAD 83(1993) -	38 22 15.90485(N)	084 33 35.89113(W)	ADJUSTED
HZ1975*	NAVD 88	295.264 (meters)	968.71 (feet)	ADJUSTED
HZ1975	LAPLACE CORR-	-1.07 (seconds)		DEFLEC99
HZ1975	GEOID HEIGHT-	-33.90 (meters)		GEOID99
HZ1975	DYNAMIC HT -	295.055 (meters)		COMP
HZ1975	MODELED GRAV-	979,913.0 (mgal)	968.03 (feet)	NAVD 88

HZ1975 HORZ ORDER - THIRD  
 HZ1975 VERT ORDER - FIRST CLASS II

HZ1975. The horizontal coordinates were established by classical geodetic methods  
 HZ1975. and adjusted by the National Geodetic Survey in December 1995.  
 HZ1975. The orthometric height was determined by differential leveling  
 HZ1975. and adjusted by the National Geodetic Survey in June 1991.

HZ1975. The Laplace correction was computed from DEFLEC99 derived deflections.  
 HZ1975. The geoid height was determined by GEOID99.  
 HZ1975. The dynamic height is computed by dividing the NAVD 88

HZ1975. geopotential number by the normal gravity value computed on the  
 HZ1975. Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45

HZ1975. degrees latitude ( $g = 980.6199$  gals.).

HZ1975. The modeled gravity was interpolated from observed gravity values.

	North	East	Units	Scale	Converg.
HZ1975;	96,733.241	472,913.395	MT	0.99996348	-0 11 34.2
HZ1975;SPC KY N	- 4,249,807.402	713,159.060	MT	1.00015960	+1 30 54.8

	Primary Azimuth Mark
HZ1975;	SADIE AZ MK
HZ1975;SPC KY N	SADIE AZ MK
HZ1975:UTM 16	

Grid Az
306 25 33.2
304 43 04.2

	Reference Object
HZ1975	SADIE RM 1
HZ1975	SADIE RM 2
HZ1975	HZ1974 SADIE AZ MK
HZ1975	

Distance	Geod. Az
5.822 METERS	09718
4.252 METERS	21008
	3061359.0

I  
F  
H  
H  
H:  
H:  
H2  
H2

HORIZONTAL CONTROL  
NORTH AMERICAN DATUM OF 1927

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

38-084-31  
SADIEVILLE QUADRANGLE  
185 KENTUCKY  
N3815-W8430/15  
DIAGRAM NJ 16-6  
LOUISVILLE

Franklin, Grant, Harrison,  
Owen and Scott Counties

Edition of 5/18/77

PR: CRV/rmm

Plane coordinates are based on Lambert  
projection, Kentucky, North Zone

Only the permanent marks are  
listed for control classified  
obsolete and are not shown on  
sketch

WILLIAMSTOWN  
(199)

LOCKPORT  
(186)

Sadieville

CYNTHIANA  
(184)

GEOGETOWN  
(168)

38°15'

10  
84

DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

185 KENTUCKY  
SADIEVILLE QUADRANGLE

38-084-31  
N3815-W8430/15

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>
PTS NO 14 1904 960	4
PTS NO 15 1904	3
PTS NO 16 1904	3
PTS NO 26 1904 802	3
PTS NO 1 1906	3
PTS NO 30 1906	6
TT STA NO 17 T 1927	5
3 C 1928 858	3
TT STA NO 151 M 1928 961	3
TT STA NO 152 M 1928 799	3
TT STA NO 153 M 1928	3
TT STA NO 156 M 1928 937	4
1 WA 1929 KY 944 TT	6
TT 35 JRH 1952 787	4
TT 36 JRH 1952 943	4
TT 37 JRH 1952 974	5
TT 41 JRH 1952 786	5
TT 60 JRH 1952	5
110 RHP 1952 901	5
126 RHP 1952 766 TT	5
127 RHP 1952 852	5
 <u>NGS</u>	
E 137 1949	4
H 137 1949	4

185 KENTUCKY  
SADIEVILLE QUADRANGLE

38-084-31

3

STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	°   '   "	°   '   "

The following positions are considered OBsolete. To be used only to locate permanent marks in the field.

By J. R. Ellis, 1904; 1906; Books 3475-77, A303

Rogers Gap; in stable lot of T. B. Milner; 99 ft NW. of RR. station; 70 ft NW. of culvert; 4 ft N. of NE. corner of stable; on iron post; standard cap stamped "PRIM TRAV STA NO 16 1904"

X = 1,917,486	Y = 292,899	38 18 14.31	84 32 15.14
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Stamping Ground; 230 ft W. of RR. station; 2 ft S. of right-of-way track; in frontyard of residence of Dr. Reilly; on iron post; standard cap stamped "PRIM TRAV STA NO 26 1904 802" (Not found, 1952)

X = 1,874,616	Y = 280,792	38 16 12.95	84 41 12.22
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Beechwood, 0.6 mi NE. of, thence 1.9 mi S.; in N. corner of barn of W. T. Watson; standard tablet stamped "PRIM TRAV STA NO 1 1906" (Not found, 1952)

X = 1,866,143	Y = 324,208	38 23 21.74	84 43 01.21
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By S. H. Moyers, 1928; Book C8718

Sadieville, 0.1 mi S. of station, along Southern Railway; 10 ft E. of, and 6 ft lower than E. rail of E. track; in N. abutment of concrete and stone RR. bridge; standard tablet stamped "3 C 1928 858"

X = 1,917,610	Y = 324,082	38 23 22.58	84 32 14.81
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Sadieville; in NW. corner of yard of G. B. Johnson; 62 ft NE. of NE. corner of Sou. Ry. station platform; 33 ft NW. of NW. corner of house; 21 ft SW. of SW. corner of residence of Elizabeth Theobald; on iron post; standard cap stamped "PRIM TRAV STA NO 15 1904" (Reported destroyed, 1952)

X = 1,917,912	Y = 324,648	38 23 28.18	84 32 11.03
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Porter; 215 ft SW. of school; 15 ft N. of centerline of rd.; 3 ft N. and 3 ft E. of SW. corner of schoolyard; 2 ft E. of wire fence; in concrete post; standard tablet stamped "TT STA NO 151 M 1928 961"

X = 1,898,472	Y = 320,773	38 22 49.21	84 36 15.01
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Josephine; 35 ft N. and 10 ft W. of centerline of rd. at junction of L-rd. SW.; 23 ft N. and 20 ft E. of NE. corner of Reading and Glass Store; 2 ft S. of wire fence; in concrete post; standard tablet stamped "TT STA NO 152 M 1928 799"

X = 1,885,595	Y = 327,529	38 23 55.47	84 38 57.09
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Rockdale; 510 ft W. of post office; 30 ft E. of centerline of rd. at junction of T-rd. NW.; 2 ft S. of fenceline; on small embankment; in concrete post; standard tablet stamped "TT STA NO 153 M 1928" (Not found, 1952)

X = 1,875,157	Y = 331,434	38 24 33.61	84 41 08.44
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185 KENTUCKY  
SADIEVILLE QUADRANGLE

38-084-31

4

STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	°   '   "	°   '   "

OBSOLETE MARKS (Cont'd.)

Corinth, 4.4 mi W. of, along Lusby Mill-Corinth Road; 5 ft S. and 38 ft E. of old rd. S. along Grant-Owen County line; in NW. corner of frontyard of Clint Wainscott; in concrete post; standard tablet stamped "TT STA NO 156 M 1928 937"

X = 1,890,418      Y = 362,576      38 29 42.13      84 37 58.24

Corinth, 0.2 mi W. of Sou. Ry. station, along graveled rd.; 120 ft NE. of, and 2 ft higher than centerline of U.S. Highway 25; 34 ft E. of E. corner of concrete block building; 23 ft S. of S. corner of one and one-half story house; 7 ft NE. of NE. edge of concrete walk; 5 ft NW. of NW. edge of concrete walk; on iron post; standard cap stamped "PRIM TRAV STA NO 14 1904 960"

X = 1,910,781      Y = 362,255      38 29 39.72      84 33 42.18

By J. R. Harris, 1952; Book AH 300

Corinth, 0.8 mi S. of station, along Sou. Ry.; 0.1 mi NW. of "Station One Mile" sign; at outside of curve; at N. end of cut; 58 ft SE. of center of NE. end of concrete box culvert under tracks; 48 ft NE. of NE. rail of NE. main track; 34 ft NE. of NE. rail of side track; 6 ft WNW. of telephone pole; in concrete post; NGS standard disk stamped "E 137 1949"

X = 1,913,295      Y = 358,982      38 29 07.44      84 33 10.44

Corinth, 2.2 mi SE. of, 1.7 mi N. of Hinton; 145 ft S. of centerline of rd. at junction of I-rd. S.; 7 ft S. and 5 ft E. of center of small concrete bridge; in SE. corner of bridge deck; standard tablet stamped "TT 35 JRN 1952 787"

X = 1,918,761      Y = 356,477      38 28 42.85      84 32 01.60

Hinton, 1.6 mi NE. of, thence 1.1 mi NW.; at New Friendship Baptist Church; 58 ft N. of centerline of E.-W. rd.; 32 ft W. of centerline of N.-S. rd.; in S. end of top concrete step at front entrance of church; standard tablet stamped "TT 36 JRN 1952 943"

X = 1,923,743      Y = 356,587      38 28 44.09      84 30 58.96

Hinton; 32 ft N. of W. corner of Sou. Ry. station; 79 ft WNW. of rd. crossing SW. track; 27 ft SW. of SW. rail of SW. track; 25 ft NE. of centerline of graveled rd. paralleling track; in concrete post; NGS standard disk stamped "H 137 1949"

X = 1,919,630      Y = 348,482      38 27 23.84      84 31 50.37

185 KENTUCKY  
SADIEVILLE QUADRANGLE

38-084-31

5

STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° ′ "	° ′ "

OBSOLETE MARKS (Cont'd.)

Hinton, 1.23 mi S. of; 18 ft S. and 65 ft W. of, and 1 ft lower than centerline of State Highway 356 at junction of V-rd.; 47 ft NW. of fence corner; 20 ft W. of 36-in. oak tree; 1 ft N. of fence; in concrete post; standard tablet stamped "IT 37 JRH 1952 974"

X = 1,921,436      Y = 342,886      38 26 28.58      84 31 27.45

Sadieville, 1.5 mi E. of; 17 ft S. and 34 ft E. of centerline of rd. at junction of Davis Road; 62 ft NE. of center of bridge over Big Eagle Creek; in concrete post; standard tablet stamped "IT 41 JRH 1952 786"

X = 1,924,900      Y = 324,288      38 23 24.83      84 30 43.24

Oxford; 55 ft N. and 15 ft W. of centerline of U.S. Highway 62 at junction of rd. W. to Delaplain; in SW. corner of frontyard of Oxford School; 3 ft E. of fence; in concrete post; standard tablet stamped "IT STA NO 17 T 1927"

X = 1,927,317      Y = 279,997      38 16 07.05      84 30 11.36

By J. R. Harris, 1952; J. R. Ellis, 1906; Book AH 300

Switzer, 1.5 mi NE. of; 3.5 mi W. of Stamping Ground; at junction of V-rd.; 70 ft SE. of junction of field rd. NE.; 13 ft NE. of centerline of rd.; 31 ft NW. of fence corner; 30 ft ENE. of sycamore tree in triangle formed by junction of rd.; 11 ft W. of 14-in. oak tree; in concrete post; standard tablet stamped "IT 60 JRH 1952"

X = 1,858,529      Y = 280,149      38 16 05.80      84 44 33.88

Stamping Ground, 1.7 mi NW. of, along U.S. Highway 227; 122 ft NW. of, and 1 ft higher than centerline of Highway 227 at junction of State Highway 368; in SE. end of SW. concrete headwall of large culvert; standard tablet stamped "126 RHP 1952 766 IT"

X = 1,869,057      Y = 287,248      38 17 16.51      84 42 22.31

Stamping Ground, 1.7 mi NW. of, along U.S. Highway 227, thence 2.5 mi NW. along State Highway 368; 3.0 mi SE. of Elmville; 300 ft SE. of Howe Store; near Scott-Franklin County line; in SW. concrete headwall of culvert; standard tablet stamped "127 RHP 1952 852 IT"

X = 1,860,147      Y = 294,776      38 18 30.48      84 44 14.57

By J. R. Harris, 1952; S. H. Moyers, 1928; Book AH 300

Breck, 0.6 mi S. of; 30 ft E. of centerline of rd.; 2 ft SW. of SW. corner of abandoned post office; in yard of O.S. Holiday; in concrete post; standard tablet stamped "110 RHP 1952 901 IT"

X = 1,860,486      Y = 360,344      38 29 18.67      84 44 14.66

185 KENTUCKY  
SADIEVILLE QUADRANGLE

38-084-31

6

STATION            DESCRIPTION  
PLANE COORDINATES, FEET

LATITUDE  
°   '   "

LONGITUDE  
°   '   "

OBSOLETE MARKS (Cont'd.)

Breck, 0.6 mi S. of; 10 ft SW. of SW. corner of old post office; in NE. corner of frontyard of J. H. Davis; on iron post; standard cap stamped "PRIM TRAV STA NO 30 1906" (Reported destroyed, 1952)

X = 1,860,478        Y = 360,346        38 29 18.69        84 44 14.76

Beechwood, at Bethany Christian Church; in top of concrete step; standard tablet stamped "1 WA 1929 KY 944 TT"

X = 1,860,266        Y = 330,825        38 24 26.85        84 44 15.46